

-3-

Amendments to the Claims

Please cancel Claims 11-22. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

1. (Previously Presented) A method for treating biologic tissue with pulse light, comprising:
generating a long effective output light pulse comprising a series of sub-pulses having a fractional duty cycle over a selected effective pulse duration, a periodicity that is less than the thermal relaxation time of a targeted structure, and an interpulse-delay between successive sub-pulses that is greater than the thermal relaxation time of non-targeted structures within the treatment area, the targeted structures being substantially adjacent to the non-targeted structures within the treatment area; and delivering the output light to the tissue of a patient.
2. (Original) The method as described in Claim 1 wherein the output light pulse comprises a laser light pulse.
3. (Original) The method as described in Claim 1 wherein the effective pulse duration is approximately equal to the thermal relaxation time of the targeted structure.
4. (Original) The method as described in Claim 1 wherein the targeted structure comprises blood vessels.
5. (Original) The method as described in Claim 4 wherein the targeted blood vessels are larger than 30 microns in diameter.
6. (Original) The method as described in Claim 1 wherein the effective pulse duration is larger than 0.1 msec.

-4-

7. (Original) The method as described in Claim 1 wherein the effective pulse duration is larger than 0.5 msec.
8. (Original) The method as described in Claim 1 wherein the effective pulse duration is larger than 5 msec.
9. (Original) The method as described in Claim 1 wherein the effective pulse duration is larger than 50 msec.
10. (Original) The method as described in Claim 1 wherein the non-targeted structures include normal-sized blood-vessels.
11. - 22. (Cancelled)